

ADMINISTRATIVE RECORD INDEX

for the

AMERICAN CREOSOTE WORKS INC OPERABLE UNIT 2 NPL Site

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence

1. Cross-Reference: "Feasibility Study Summary; American Creosote Works, Inc. NPL Site; Pensacola, Florida," EPA Region IV. Summarizes findings of the draft FS Report for Operable Unit 1 with implications for remediation conducted under Operable Unit 2 (August 1985). [Filed and cited as entry number 1 in 13.9 COMMUNITY RELATIONS - Fact Sheets]
- 0003 - 2. Memorandum from Dr. Stephen Margolis, Agency for Toxic Substances and Disease Registry (ATSDR), to Chuck Pietrosewicz, Agency for Toxic Substances and Disease Registry (ATSDR). Data review for formal health assessment (January 6, 1986).
- 0010 - 3. Memorandum from James Barksdale, Jr., EPA Region IV, to Gary Bodenstein, EPA Region IV. Requests technical support for development of Alternate Concentration Limits (ACLs) (February 3, 1986).
- 0012 - 4. Record of Communication by James Barksdale, Jr., EPA Region IV, from Ann Feel, Escambia Utility Authority. Identifies closest supply wells for Pensacola (February 20, 1986).
- 0015 - 5. Memorandum from James Barksdale, Jr., EPA Region IV, to E. Stallings Howell, et al, EPA Region IV. Requests review of attached EBASCO ACL Contaminant Screening List (February 28, 1986).
- 0027 - 6. Memorandum from James Barksdale, EPA Region IV, to E. Stallings Howard, et al, EPA Region IV (March 3, 1986). Requests review of EBASCO ACL Contamination Screening List.
- 0029 - 7. Memorandum from Ken Orloff, EPA Region IV, to James Barksdale, EPA Region IV (March 3, 1986). Comments on the EBASCO ACL Contamination Screening List.

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

- 0031 - 8. Memorandum from E. Stallings Howell, EPA Region IV, to James Barksdale, EPA Region IV (March 4, 1986). Comments on the EBASCO ACL Contamination Screening List.
- 0033 - 9. Memorandum from Doug McCurry, EPA Region IV, to Al Hanke, EPA Region IV (March 5, 1986). Comments on the EBASCO ACL Contamination Screening List.
- 0036 - 10. Memorandum from Chuck Pietrosewicz, Agency for Toxic Substances and Disease Registry (ATSDR), to Jim Barksdale, EPA Region IV (March 26, 1986). Comments on the EBASCO ACL Contamination Screening List.
- 0038 - 11. "Draft Technical Support Document for Alternate Concentration Limits at the American Creosote Works, Inc. Site; Pensacola, Florida," Environmental Science and Engineering, Inc., for EBASCO (April 3, 1986). Final version; subsequent document never issued.
- 0188 - 12. Memoranda from James Barksdale, EPA Region IV, to Lisa Woodson, et al, EPA Region IV (April 9, 1986). Requests review of EBASCO ACLs Technical Support Document.
- 0192 - 13. Letter from James Barksdale, EPA Region IV, to Reginald Baty, US Army Engineer District, Kansas City, Barbara Kleiss, Waterways Experiment Station, and James Crane and Brent Hartsfield, State of Florida Department of Environmental Regulation (April 9, 1986). Requests review of EBASCO ACLs Technical Support Document.
- 0197 - 14. Memorandum from E. Stallings Howell, EPA Region IV, to James Barksdale, EPA Region IV (April 25, 1986). Comments on EBASCO ACLs Technical Support Document.
- 0199 - 15. Memorandum from Douglas McCurry, EPA Region IV, to Al Hanke, EPA Region IV (April 29, 1986). Comments on EBASCO ACLs Technical Support Document.
- 0204 - 16. Letter from James Barksdale, EPA Region IV, to Russell Boyd, Jr., EBASCO (April 30, 1986). Comments on EBASCO ACLs Technical Support Document.

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

- 0206 - 17. Letter from Russell Boyd, Jr., EBASCO, to Martha Berry, EPA Region IV (August 18, 1986). Transmits draft letter report, including responses to comments on EBASCO ACLs Technical Support Document.
- 0209 - 18. Memorandum from Gail Mitchell, EPA Region IV, to Martha Berry, EPA Region IV. Concerning classification of groundwater in the sand and gravel aquifer at the site as Class I (May 21, 1987).
- 0211 - 19. Memorandum from Joseph Hughart, EPA Region IV, to Martha Berry, EPA Region IV. Analyzes groundwater contamination plume (August 4, 1987).
- 0215 - 20. Memorandum from Martha Berry, EPA Region IV, to Russell Wright, EPA Region IV. Discusses status of ACLs issue and differences between EPA Region IV and FDER on operable unit designation (August 25, 1987).
- 0218 - 21. Record of Communication to Martha Berry, EPA Region IV, from Russ Walker, State of Florida Department of Environmental Regulation. Summarizes FDER concerns for remedy selection and EPA treatment of salt water intrusion concerns (August 31, 1987).
- 0220 - 22. Record of Communication to Russ Walker, State of Florida Department of Environmental Regulation, from Martha Berry, EPA Region IV. Discusses salt water intrusion concerns (September 1, 1987).
- 0222 - 23. Record of Communication to Martha Berry, EPA Region IV, from Russ Walker, State of Florida Department of Environmental Regulation. Clarifies well extraction limit (September 1, 1987).
- 0224 - 24. Memorandum from Martha Berry, EPA Region IV, to File. Summarizes work meeting with EBASCO held August 28, 1987 (September 3, 1987).
- 0026 - 25. Letter from Martha Berry, EPA Region IV, to Russell Walker, State of Florida Department of Environmental Regulation (September 17, 1987). Transmits groundwater modeling results [not attached].

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

- 0228 - 26. Letter from M[ichael] Szomjassy, EBASCO, to Jeanne Dove, EPA Region IV. Summarizes meeting held November 2, 1987, regarding use of USGS data (November 5, 1987).
- 0235 - 27. Memorandum from John Vargo, EPA Region IV, to File (June 15, 1988). Report of site visit with US Geological Survey staff.
- 0231 - 28. Memorandum from Chuck Pietrosewicz, Agency for Toxic Substances and Disease Registry (ATSDR), to Jeanne Dove, EPA Region IV (June 29, 1988). Review of objectives for revised RI/FS, referencing ATSDR memorandum dated January 6, 1986 [not attached].
- 0240 - 29. Memorandum from Raymond Wilhour, EPA Region IV Environmental Research Laboratory, Gulf Breeze, Florida, to Patrick Tobin, EPA Region IV (September 15, 1988). Offers to brief EPA Region IV staff on proposed creosote study.
- 0243 - 30. Letter from Jeff Kellam, EPA Region IV, to Laura Cummins, State of Florida Department of Environmental Regulation (January 31, 1989). Transmits attached groundwater references and attendance list for meeting held January 18, 1989.
- 0247 - 31. Memorandum from Rich Muza, EPA Region IV, to Jeff Kellam, EPA Region IV. Provides calculations for preliminary remediation levels for contaminated subsurface soils; discusses possibility of developing ACLs for groundwater (May 30, 1989).
- 0254 - 32. Memorandum from Beverly Houston, EPA Region IV, to Rutherford Hayes, EPA Region IV (June 1, 1989). Requests the assistance of the Groundwater Technology Unit in developing an ACLs demonstration.
- 0256 - 33. Memorandum from Rich Muza, EPA Region IV, to Beverly Houston, EPA Region IV. Concerning determination of ACLs for creosote contaminants in groundwater (June 26, 1989).

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

- 0264 - 34. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Lesa Davis, EPA Region IV (July 10, 1989). Comments on ACLs determination, Risk Assessment.
- 0268 - 35. Letter from Beverly Houston, EPA Region IV, to Laura Cummins, State of Florida Department of Environmental Regulation (July 24, 1989). Transmits requested information relating to ACLs determination [not attached].
- 0270 - 36. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Beverly Houston, EPA Region IV (September 26, 1989). Requests information concerning extent of solidified sludge and DNAPL; questions groundwater modeling.
- 0274 - 37. Memorandum from Natalie Ellington, EPA Region IV, to Bernie Hayes (November 24, 1989). Requests support from Groundwater Technology Unit for groundwater modeling.
- 0277 - 38. Memorandum from Rutherford Hayes, EPA Region IV, to Beverly Houston, EPA Region IV (December 5, 1989). Concerning technical support for evaluation of ACLs calculations.
- 0282 - 39. Letter from Natalie Ellington, EPA Region IV, to Laura Cummins, State of Florida Department of Environmental Regulation. Responds to FDER comments on the EPA groundwater model (December 28, 1989).
- 0286 - 40. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Natalie Ellington, EPA Region IV. Concerning inadequacy of information to determine ACLs (January 5, 1990).
- 0288 - 41. Memorandum from Elmer Akin, EPA Region IV, to Natalie Ellington, EPA Region IV (December 10, 1990). Concerning need for additional dioxin sampling and comments to the RA/FS Work Plan.

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

- 0292 - 42. Letter from Natalie Ellington, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation. (January 4, 1991). Requests review of Phase 3 Project Operations Plan; transmits record of sampling at the site and FDER comments to Phase 2 RI Report.
- 0296 - 43. Memorandum from Philip Murphy, EPA Region IV Environmental Services Division, Athens, Georgia, to Natalie Ellington, EPA Region IV. Transmits plan requested by EPA Region IV and NOAA to define area of contaminated bay sediments for assessing ecological risk (February 12, 1991).
- 0310 - 44. Memorandum from Lynn Wellman, EPA Region IV, to Madolyn Streng, EPA Region IV. Summarizes ETAG meeting held June 4, 1991 (June 10, 1991).
- 0313 - 45. Letter from Madolyn Streng, EPA Region IV, to Harvey Coppage, Black & Veach. Transmits copy of groundwater data [not attached] for determination of groundwater plume toward Pensacola Bay and Bayou Chico (July 18, 1991).
- 0315 - 46. "Conference Memorandum," Black & Veach. Summarizes remediation strategy meeting held July 29, 1991 (July 30, 1991).
- 0318 - 47. Letter from Madolyn Streng, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation (August 7, 1991). Transmits copy of minutes from meeting held July 29, 1991.
- 0322 - 48. Memorandum from Kay Wischkaemper, EPA Region IV, to Madolyn Streng, EPA Region IV (August 26, 1991). Provides comments to the groundwater portions of the Baseline Risk Assessment, Feasibility Study Report; transmits ACLs calculations.
- 0383 - 49. Letter from Madolyn Streng, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation. Transmits ACLs for groundwater [not attached] (August 27, 1991).

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

- 0385 - 50. Letter from Charles Logan, State of Florida Department of Environmental Regulation, to Madolyn Streng, EPA Region IV. Reviews ACLs for creosote in groundwater (October 9, 1991).
- 0388 - 51. Letter from Madolyn Streng, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation. Transmits ACLs information (November 18, 1991).
- 0390 - 52. Memorandum from Kay Wischkaemper, EPA Region IV, to Madolyn Streng, EPA Region IV. Concerning determination of ACLs for benzene and dioxins/furans (January 13, 1992).
- 0400 - 53. Letter from Madolyn Streng, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation. Transmits ACL assumptions and calculations for dioxins/furans and benzene (January 17, 1992).
- 0411 - 54. Letter from Charles Logan, State of Florida Department of Environmental Regulation, to Madolyn Streng, EPA Region IV. Accepts ACLs for groundwater contaminants (March 13, 1992).
- 0413 - 55. Memorandum from Mark Fite, EPA Region IV, to Dave Hill, EPA Region IV. Requests calculation of soil cleanup levels for benzene and dibenzofuran (January 13, 1993).
- 0415 - 56. Memorandum from Kay Wischkaemper, EPA Region IV, to Mark Fite, EPA Region IV. Provides requested calculation of soil cleanup levels for benzene and dibenzofuran (March 2, 1993).
- 0418 - 57. Letter from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Regulation. Transmits calculations for benzene and dibenzofuran soil cleanup levels protective of groundwater (March 10, 1993).

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

- 0422 - 58. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach. Transmits calculations for benzene and dibenzofuran soil cleanup levels protective of groundwater (March 10, 1993).
- 0426 - 59. Letter from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Regulation. Transmits US Geological Survey article discussing the presence of dioxins in groundwater at American Creosote Works site, published in Environmental Toxicology and Chemistry, Vol. 4 (1985), plus information on DNAPLs (March 12, 1993).
- 0450 - 60. Letter from Douglas Fitton, State of Florida Department of Environmental Regulation, to Mark Fite, EPA Region IV. Provides surface water standard for dioxin, to supersede the value referenced in FDER letter dated March 13, 1992 (April 5, 1993).
- 0452 - 61. Facsimile from Douglas Fitton, State of Florida Department of Environmental Regulation, to Mark Fite, EPA Region IV. Transmits figure showing proposed delineated area for the American Creosote Works site, used to justify use of ACLs (July 2, 1993).
- 0455 - 62. Memorandum from Kay Wischkaemper, EPA Region IV, to Mark Fite, EPA Region IV. Provides calculations for benzo(k)fluoranthene and benzo(b)fluoranthene soil cleanup levels protective of groundwater (July 31, 1993).
63. Cross-Reference: Letter from E. Randall Merchant, Florida Department of Health and Rehabilitative Services, to Mark Fite, EPA Region IV. Comments on the draft Record of Decision (ROD), identifying area where no irrigation wells should be permitted. (October 19, 1993). [Filed and cited as entry number 7 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]
- 0460 - 64. Letter from Mark Fite, EPA Region IV, to Doug Barr, Northwest Florida Water Management District. Requests no new non-potable well permits be issued in the delineated area for the American Creosote Works site due to groundwater contamination (October 25, 1993).

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

- 0464 - 65. Letter from Robert D. Wright, Northwest Florida Water Management District, to "Water Well Contractor"s (November 2, 1993). Informing of ban on potable or irrigation well permits within the area of ground water contamination identified as the American Creosote Superfund Site.
- 0467 - 66. Letter from Mark Fite, EPA Region IV, to Doug Fitton, Florida Department of Environmental Protection, (November 10, 1993). Transmitting copy of letter dated 11/02/93 from Northwest Florida Water Management District, banning well permits within the American Creosote site area.
- 0470 - 67. Memorandum from Kay Wischkaemper, EPA Region IV, to Mark Fite, EPA Region IV (January 20, 1994). Concerning determining an Alternate Concentration Limit (ACL) for 2,3,7,8 - Tetrachlorodibenzo-dioxin (TCDD) at the American Creosote Works NPL Site.
- 0483 - 68. Letter from Douglas Fitton, Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (January 28, 1994). Concerning memorandum from Kay Wischkaemper dated 01/20/94.

"VOL. 2"

3.2 Sampling and Analysis Data

1. Verified Sampling Data, Chain of Custody Forms and Quality Assurance and Quality Control Documents related to Verified Sampling Data are currently located at EPA Region IV Environmental Services Division, Athens, Georgia. Such documentation will be made available for review upon request sent to the Remedial Project Manager for the American Creosote Works Superfund Site, Region IV, US EPA, 345 Courtland Street, Atlanta, Georgia 30365. (DATE UNKNOWN).
- 0494 - 2. Memorandum from D.F. Goerlitz, US Department of the Interior Geological Survey, Menlo Park, California, to John Vargo, EPA Region IV. Transmits groundwater analytical data (May 17, 1988).
- 0543 - 3. Memorandum from Jeanne Dove, EPA Region IV, to Wade Knight, EPA Region IV Environmental Services Division, Athens, Georgia (June 8, 1988). Request for review of US Geological Survey groundwater data.

3.2 Sampling and Analysis Data (cont'd.)

- 0545 - 4. Memorandum from Wade Knight, EPA Region IV Environmental Services Division, Athens, Georgia, to Jeanne Dove, EPA Region IV. Concerning inability of EPA Region IV Environmental Services Division, Athens, Georgia, to judge USGS data for the RI/FS (June 16, 1988).
- 0547 - 5. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Jeanne Dover, EPA Region IV (September 16, 1988). Transmits data for dioxin.
- 0586 - 6. "American Creosote Works; Dye Dispersion and Sediment Sampling; Pensacola Bay & Bayou Chico; Pensacola, Florida," EPA Region IV Environmental Services Division, Athens, Georgia. Sampling to determine presence and concentration of PAHs in Pensacola Bay and Bayou Chico (September 1991).
- 0774 - 7. Memorandum from Philip Murphy and Tom Cavinder, EPA Region IV Environmental Services Division, Athens, Georgia, to Madolyn Streng, EPA Region IV. (December 20, 1991). Transmittal letter for Dye Dispersion Study [not attached].
8. Cross-Reference: Letter from John Mitchell, Florida Department of Natural Resources, to Mark Fite, EPA Region IV (November 16, 1992). Comments on the Risk Assessment and Dye Dispersion Study. [Filed and cited as entry number 33 in 3.12 REMEDIAL INVESTIGATION (RI) - Endangerment Assessments]
- 0779 - 9. Letter from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Regulation (February 23, 1993). Transmits copy of Dye Dispersion Study [not attached].
- 0781 - 10. Memorandum from Mark Fite, EPA Region IV, to Wade Knight, EPA Region IV Environmental Services Division, Athens, Georgia. Request for verification of chain of custody and QA/QC documentation for purposes of the Administrative Record (August 24, 1993).
- 0783 - 11. Memorandum from Charles Hooper, EPA Region IV Environmental Services Division, Athens, Georgia, to Mark Fite, EPA Region IV. Responds to request dated August 24, 1993, for verification of chain of custody and QA/QC documentation for purposes of the Administrative Record (September 1, 1993).

3.2 Sampling and Analysis Data (cont'd.)

12. Cross-Reference: "American Creosote Works Field Investigation, Pensacola, Florida, May 1993," (February 11, 1994). Conducted to gather data for the off-site ground water and ditch sediment downgradient of the ACW site. [Filed and cited as entry number 28 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

"VOL. 3"

3.4 Work Plans and Progress Reports

- 0794 - 1. "Work Plan for Development of ACL Support Document for the American Creosote Works, Inc. Site," Environmental Science and Engineering, Inc., for EBASCO (January 24, 1986).
- 0806 - 2. Letter from Russell Boyd, Jr., EBASCO, to Martha Berry, EPA Region IV. Transmits estimated hours and budget for revising the ACL letter report (January 20, 1987).
- 0809 - 3. Letter from Michael Szomjassy, EBASCO, to Martha Berry, EPA Region IV. Presents Work Plan Memorandum (October 8, 1987).
- 0818 - 4. Memorandum from Winston Smith, EPA Region IV, to Patrick Tobin, EPA Region IV (January 15, 1988). Comments on EBASCO's draft work plan for revised RI/FS.
- 0820 - 5. Letter from Russell Walker, State of Florida Department of Environmental Regulation, to Jeanne Dove, EPA Region IV (January 21, 1988). Comments on EBASCO's draft work plan for revised RI/FS.
- 0823 - 6. Memorandum from Joseph Hughart, EPA Region IV, to Jeanne Dove, EPA Region IV (January 25, 1988). Comments on EBASCO's draft work plan for revised RI/FS.
- 0826 - 7. Memorandum from John Marlar, EPA Region IV, to Dave Hill, EPA Region IV (February 8, 1988). Comments on EBASCO's draft work plan for revised RI/FS.
- 0828 - 8. Memorandum from E. Stallings Howell, EPA Region IV, to Russ Wright, EPA Region IV (February 9, 1988). Comments on EBASCO's draft work plan for revised RI/FS.
- 0830 - 9. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Jeanne Dove, EPA Region IV (May 24, 1988). Transmits Project Operations Plan [not attached].

3.4 Work Plans and Progress Reports (cont'd.)

- 0832 - 10. Memorandum from Jeanne Dove, EPA Region IV, to James Finger, EPA Region IV Environmental Services Division, Athens, Georgia (June 10, 1988). Requests review of the Project Operations Plan for revised RI/FS.
- 0835 - 11. Letter from John Lindsay, National Oceanic and Atmospheric Administration (NOAA), to Jeanne Dove, EPA Region IV (June 15, 1988). Comments on EBASCO's draft work plan for revised RI/FS.
- 0837 - 12. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Jeanne Dove, EPA Region IV (June 16, 1988). Transmits final Project Operations Plan [not attached].
- 0839 - 13. Memorandum from Joe Hughart, EPA Region IV, to Jeanne Dove, EPA Region IV (June 27, 1988). Comments on EBASCO's draft work plan for revised RI/FS.
- 0841 - 14. Letter from Russ Walker, State of Florida Department of Environmental Regulation, to Jeanne Dove, EPA Region IV (June 30, 1988). Comments on statement of work for Risk Assessment.
- 0843 - 15. Memorandum from Laura Mazanti, EPA Region IV, to Jeanne Dove, EPA Region IV (July 22, 1988). Comments on EBASCO's draft work plan for revised RI/FS that focus on surface water concerns.
- 0846 - 16. Letter from Michael Szomjassy, EBASCO, to Jeanne Dove, EPA Region IV. Presents Risk Assessment Work Plan Memorandum, outlining technical scope (September 2, 1988).
- 0851 - 17. Letter from Michael Szomjassy, EBASCO, to Jeanne Dove, EPA Region IV. Presents revised budget following EPA-requested revisions to Risk Assessment (November 28, 1988).
- 0854 - 18. Letter from Natalie Ellington, EPA Region IV, to Laura Cummins, State of Florida Department of Environmental Regulation (November 30, 1989). Requests review of Work Plan for Remedial Design for Operable Unit 1 and Field Operations Plan for Operable Unit 2.
- 0856 - 19. Memorandum from Natalie Ellington, EPA Region IV, to Addressees (November 30, 1989). Requests review of Work Plan for Remedial Design for Operable Unit 1 and Field Operations Plan for Operable Unit 2.

3.4 Work Plans and Progress Reports (cont'd.)

- 0858 - 20. Letter from Natalie Ellington, EPA Region IV, to Walt Aucott, US Geological Survey. Requests review of work plans and outlines needed USGS assistance (December 14, 1989).
- 0860 - 21. Letter from Natalie Ellington, EPA Region IV, to Laura Cummins, State of Florida Department of Environmental Regulation (February 14, 1990). Requests review of Field Operations Plan for Operable Unit 2.
- 0862 - 22. Memorandum from Natalie Ellington, EPA Region IV, to Addressees (February 14, 1990). Requests review of Field Operations Plan for Operable Unit 2.
- 0864 - 23. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Natalie Ellington, EPA Region IV (February 19, 1990). Comments to the Phase 2 Project Operations Plan.
- 0871 - 24. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Natalie Ellington, EPA Region IV (February 23, 1990). Responds to FDER comments on the Phase 2 Project Operations Plan.
- 0875 - 25. Memorandum from Rich Muza, EPA Region IV, to Natalie Ellington, EPA Region IV (February 23, 1990). Comments on the Phase 2 Project Operations Plan.
- 0877 - 26. Memorandum from Pat Stamp, EPA Region IV Environmental Services Division, Athens, Georgia, to Natalie Ellington, EPA Region IV (February 28, 1990). Comments on the Phase 2 Project Operations Plan.
- 0879 - 27. Memorandum from Rita Ford, EPA Region IV, to Natalie Ellington, EPA Region IV (February 28, 1990). Comments on the Phase 2 Project Operations Plan.
- 0881 - 28. "American Creosote Works; Pensacola, Florida; Project Operations Plan; Phase II; February 1990," the work plan for the Remedial Investigation for Operable Unit 2 (March 12, 1990).
- 0955 - 29. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Natalie Ellington, EPA Region IV (March 16, 1990). Comments on the Phase 2 Project Operations Plan.

3.4 Work Plans and Progress Reports (cont'd.)

- 0958 - 30. Letter from Natalie Ellington, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation (November 1, 1990). Requests review of RA/FS Work Plan.
- 0960 - 31. Letter from Natalie Ellington, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation (November 9, 1990). Requests review of RA/FS Work Plan.
32. Cross-Reference: Memorandum from Elmer Akin, EPA Region IV, to Natalie Ellington, EPA Region IV (December 10, 1990). Concerning need for additional dioxin sampling and comments to the RA/FS Work Plan. [Filed and cited as entry number 41 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]
- 0964 - 33. Letter from Natalie Ellington, EPA Region IV, to Krista Jones, Black & Veach (December 27, 1990). Transmits compiled EPA and FDER comments to the RA/FS Work Plan.
- 0967 - 34. Letter from Natalie Ellington, EPA Region IV, to Krista Jones, Black & Veach (December 31, 1990). Transmits compiled FDER and EPA comments to the RA/FS Work Plan.
35. Cross-Reference: Letter from Natalie Ellington, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation. (January 4, 1991). Requests review of Phase 3 Project Operations Plan; transmits record of sampling at the site and FDER comments to Phase 2 RI Report. [Filed and cited as entry number 42 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]
- 0972 - 36. "Risk Assessment/Feasibility Study Work Plan for the American Creosote Works Site; Pensacola, Florida; Volume I; EPA Work Assignment 08-4L45," Black & Veach (January 8, 1991). Work plan for the Risk Assessment and Feasibility Study (RA/FS). Volume II of this report is withheld as confidential business information.

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3.4 Work Plans and Progress Reports (cont'd.)

37. Cross-Reference: Letter from Charles Logan, State of Florida Department of Environmental Regulation, to Natalie Ellington, EPA Region IV (January 10, 1991). Comments on the Phase 2 RI Report and RA/FS Work Plan. [Filed and cited as entry number 14 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
38. Cross-Reference: Letter from Natalie Ellington, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation (January 23, 1991). Requests review of Risk Assessment and Weston's Health and Safety Plan. [Filed and cited as entry number 16 in 3.12 REMEDIAL INVESTIGATION (RI) - Endangerment Assessments]
- 1019 - 39. "Project Operations Plan; Phase 3; American Creosote Works; Pensacola, Florida," Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia (March 1, 1991).
- 1061 - 40. "Project Operations Plan, Phase 4; American Creosote Works, Pensacola, Florida," EPA Region IV Environmental Services Division, Athens, Georgia (April 1993).
- 1107 - 41. Memorandum from Mark Fite, EPA Region IV, to Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia (April 13, 1993). Approves Phase 4 Project Operations Plan, with two comments to be addressed in a separate memorandum.
- 1109 - 42. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Mark Fite, EPA Region IV (May 5, 1993). Responds to EPA comments on the Phase 4 Project Operations Plan.

3.7 Applicable or Relevant and Appropriate Requirements (ARARS)

- 1113 - 1. Letter from Russell Walker, State of Florida Department of Environmental Regulation, to Martha Berry, EPA Region IV (August 24, 1987). Identifies ARARS from Florida Administrative Code (FAC) pertaining to water quality.

3.7 Applicable or Relevant and Appropriate Requirements (ARARS) (cont'd.)

2. Cross-Reference: Letter from Douglas Fitton, State of Florida Department of Environmental Regulation, to Mark Fite, EPA Region IV (June 4, 1993). Comments on the FS Report, identifying ARARS from Florida Administrative Code (FAC) pertaining to water quality. [Filed and cited as entry number 31 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]
3. Cross-Reference: Letter from Douglas Fitton, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV, providing comments to the Feasibility Study Report and transmitting attached Florida Administrative Code (FAC) standards, and list of Applicable or Relevant and Appropriate Requirements (ARARS) (October 19, 1993). [Filed and cited as entry number 43 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]

"VOL. 4"

3.10 Remedial Investigation (RI) Reports

- 1127 - 1. "American Creosote Works; Remedial Investigations 1989-1991; Post Remedial Investigation; Phase II Remedial Investigation; Phase III Remedial Investigation". Outlines scope of Remedial Investigations for Phases 1, 2 and 3 (DATE UNKNOWN).
- 1131 - 2. Memorandum from Rich Muza, EPA Region IV, to Jeffrey Kellam, EPA Region IV (January 13, 1989). Comments on the Post RI Report.
- 1133 - 3. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Jeffrey Kellam, EPA Region IV (February 3, 1989). Comments on the Post RI Report.
- 1140 - 4. Memorandum from Jeff Kellam, EPA Region IV, to Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia (February 8, 1989). Comments on the Post RI Report.
- 1143 - 5. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Jeff Kellam, EPA Region IV (February 24, 1989). Responds to FDER comments on the Post RI Report.

3.10 Remedial Investigation (RI) Reports (cont'd.)

- 1147 - 6. Memorandum from Chuck Pietrosewicz, Agency for Toxic Substances and Disease Registry (ATSDR), to Jeffrey Kellam, EPA Region IV (February 27, 1989). Comments on the Post RI Report.
- 1150 - 7. "Remedial Investigation; Phase 2; American Creosote Works; Pensacola, Florida," EPA Region IV Environmental Services Division, Athens, Georgia (September 20, 1990).
- 1456 - 8. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Natalie Ellington, EPA Region IV (September 20, 1990). Requests review of the Phase 2 RI Report.
- 1458 - 9. Letter from Natalie Ellington, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation (September 25, 1990). Requests review of the Phase 2 RI Report.
- 1460 - 10. Letter from Natalie Ellington, EPA Region IV, to James Mueller, EPA Region IV Environmental Research Laboratory, Gulf Breeze, Florida (September 26, 1990). Requests review of the Phase 2 RI Report.
- 1462 - 11. Memorandum from John Lindsay, National Oceanic and Atmospheric Administration (NOAA), to Natalie Ellington, EPA Region IV (October 12, 1990). Comments on the Phase 2 RI Report.
12. Cross-Reference: Letter from Natalie Ellington, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation. (January 4, 1991). Requests review of Phase 3 Project Operations Plan; transmits record of sampling at the site and FDER comments to Phase 2 RI Report. [Filed and cited as entry number 42 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]
- 1468 - 13. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Natalie Ellington, EPA Region IV (January 4, 1991). Responds to FDER comments on the Phase 2 RI Report.
- 1471 - 14. Letter from Charles Logan, State of Florida Department of Environmental Regulation, to Natalie Ellington, EPA Region IV (January 10, 1991). Comments on the Phase 2 RI Report and RA/FS Work Plan.

3.10 Remedial Investigation (RI) Reports (cont'd.)

- 1476 - 15. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Beverly Houston, EPA Region IV (April 2, 1991). Requests review of Phase 3 RI Report.
- 1478 - 16. Letter from Madolyn Streng, EPA Region IV, to Krista Jones, Black & Veach (April 10, 1991). Transmits copy of Phase 3 RI Report [not attached] to be used in developing FS Report for Operable Unit 2.
- 1480 - 17. Memorandum from Pat Stamp, EPA Region IV Environmental Services Division, Athens, Georgia, to Beverly Houston, EPA Region IV (April 12, 1991). Comments on the Phase 3 RI Report.
- 1482 - 18. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Beverly Houston, EPA Region IV (April 25, 1991). Comments on the Phase 3 RI Report.
- 1484 - 19. Memorandum from Tony Able, EPA Region IV, to Beverly Houston, EPA Region IV (May 2, 1991). Comments on the Phase 3 RI Report.
- 1486 - 20. Memorandum from Winston Smith, EPA Region IV, to Donald Guinyard, EPA Region IV (May 14, 1991). Comments on the Phase 3 RI Report.
- 1488 - 21. Letter from Charles Logan, State of Florida Department of Environmental Regulation, to Madolyn Streng, EPA Region IV (July 11, 1991). Comments on the Phase 3 RI and FS Reports.
- 1493 - 22. "Remedial Investigation; Phase 3; American Creosote Works; Pensacola, Florida," EPA Region IV Environmental Services Division, Athens, Georgia (August 1991).
- 1552 - 23. Letter from Madolyn Streng, EPA Region IV to Charles Logan, State of Florida Department of Environmental Regulation (August 1, 1991). Responds to FDER comments to the Phase 2 RI Report and Risk Assessment.
- 1559 - 24. Letter from Madolyn Streng, EPA Region IV to Charles Logan, State of Florida Department of Environmental Regulation (August 1, 1991). Responds to FDER comments on Phase 3 RI, Risk Assessment and FS Reports.

3.10 Remedial Investigation (RI) Reports (cont'd.)

- 1566 - 25. Memorandum from Madolyn Streng, EPA Region IV to Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia (August 1, 1991). Transmits comments on the Phase 3 RI Report.
- 1576 - 26. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Madolyn Streng, EPA Region IV (August 23, 1991). Responds to comments from EPA memo dated August 1, 1991.
- 1580 - 27. Memorandum from Milton Henderson, EPA Region IV, to Mark Fite, EPA Region IV (February 11, 1994). Transmitting Field Investigation Report, May 1993.
- 1582 - 28. "American Creosote Works Field Investigation, Pensacola, Florida, May 1993," (February 11, 1994). Conducted to gather data for the off-site ground water and ditch sediment downgradient of the ACW site.

3.11 Health Assessments

- 1683 - 1. "Public Health Assessment for American Creosote Works Inc. (Pensacola); Pensacola, Florida; CERCLIS No. FLD008161994," Agency for Toxic Substances and Disease Registry (ATSDR) (July 29, 1992).
- 1734 - 2. Letter from Mark Fite, EPA Region IV, to Robert Safay, Agency for Toxic Substances and Disease Registry (January 4, 1994). Transmits Health Concerns raised during public comment period.

3.12 Endangerment Assessments

- 1744 - 1. Memorandum from Elmer Akin, EPA Region IV, to Beverly Houston, EPA Region IV (December 20, 1988). Comments on the draft Risk Assessment.
- 1747 - 2. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Jeffrey Kellam, EPA Region IV (December 22, 1988). Comments on the draft Risk Assessment.
- 1756 - 3. Memorandum from Ronald Landy, EPA Region IV, to Jeff Kellam, EPA Region IV (January 23, 1989). Comments on the draft Risk Assessment.

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3.12 Endangerment Assessments (cont'd.)

- 1763 - 4. Memorandum from Beverly Houston, EPA Region IV, to Stallings Howell, EPA Region IV. Concerning determination of subsurface soil clean-up levels (January 30, 1989).
- 1765 - 5. Letter from Michael Szomjassy, EBASCO, to Jeffrey Kellam, EPA Region IV (February 15, 1989). Transmits revised Risk Assessment [not attached].
- 1767 - 6. Letter from Jeff Kellam, EPA Region IV, to Laura Cummins, State of Florida Department of Environmental Regulation (February 15, 1989). Requests review of the revised Risk Assessment.
- 1769 - 7. Memorandum from Jeff Kellam, EPA Region IV, to Elmer Akin, et al, EPA Region IV (February 27, 1989). Requests review of the revised Risk Assessment.
- 1771 - 8. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Jeffrey Kellam, EPA Region IV (March 7, 1989). Comments on the Risk Assessment.
- 1775 - 9. Memorandum from Chuck Pietrosewicz, Agency for Toxic Substances and Disease Registry (ATSDR), to Jeffrey Kellam. Comments on Risk Assessment, with attached ATSDR memorandum dated March 26, 1986, concerning PAH exposure through garden products (March 10, 1989).
- 1780 - 10. Letter from Michael Szomjassy, EBASCO, to Jeffrey Kellam, EPA Region IV. Concerning cleanup limit estimates (March 29, 1989).
- 1788 - 11. Letter from Michael Szomjassy, EBASCO, to Jeffrey Kellam, EPA Region IV. Transmits amended cleanup risk tables (April 12, 1989).
- 1796 - 12. Memorandum from Elmer Akin, EPA Region IV, to Jeff Kellam, EPA Region IV (April 18, 1989). Comments on the draft Risk Assessment.
- 1801 - 13. Letter from Jeff Kellam, EPA Region IV, to Robert Thompson, EBASCO (April 21, 1989). Transmits review comments for the Risk Assessment from EPA, ATSDR, and FDER [not attached].

3.12 Endangerment Assessments (cont'd.)

- 1803-14. Letter from Lesa Davis, EPA Region IV, to Laura Cummins, State of Florida Department of Environmental Regulation (June 19, 1989). Transmits final Risk Assessment [not attached].
15. Cross-Reference: Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Lesa Davis, EPA Region IV (July 10, 1989). Comments on ACLs determination, Risk Assessment. [Filed and cited as entry number 34 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]
- 1807-16. Letter from Natalie Ellington, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation (January 23, 1991). Requests review of Risk Assessment and Weston's Health and Safety Plan.
- 1809-17. Memorandum from Elmer Akin, EPA Region IV, to Madolyn Streng, EPA Region IV (March 11, 1991). Comments on the Risk Assessment.
- 1812-18. Letter from Charles Logan, State of Florida Department of Environmental Regulation, to Natalie Ellington, EPA Region IV (March 28, 1991). Comments on the Risk Assessment.
- 1819-19. Letter from Madolyn Streng, EPA Region IV, to Kiista Jones, Black & Veach (April 10, 1991). Transmits compiled comments to the Risk Assessment.
- 1828-20. Memorandum from Madolyn Streng, EPA Region IV, to Elmer Akin, EPA Region IV (April 23, 1991). Transmits copy of compiled comments to Risk Assessment sent to Black & Veach [not attached].
- 1830-21. Letter from Madolyn Streng, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation (April 23, 1991). Transmits copy of compiled comments to Risk Assessment sent to Black & Veach [not attached].
- 1832-22. "Conference Memorandum," Black & Veach. Notes of meeting held April 15, 1991, to discuss EPA and FDER comments to the Risk Assessment (April 23, 1991).

3.12 Endangerment Assessments (cont'd.)

- 1841 - 23. Letter from Madolyn Streng, EPA Region IV, to Charles Logan, State of Florida Department of Environmental Regulation (June 20, 1991). Requests review of revised Risk Assessment.
- 1843 - 24. Memorandum from Madolyn Streng, EPA Region IV, to Elmer Akin, EPA Region IV (June 20, 1991). Requests review of revised Risk Assessment.
25. Cross-Reference: Letter from Madolyn Streng, EPA Region IV to Charles Logan, State of Florida Department of Environmental Regulation (August 1, 1991). Responds to FDER comments to the Phase 2 RI Report and Risk Assessment. [Filed and cited as entry number 23 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
26. Cross-Reference: Letter from Madolyn Streng, EPA Region IV to Charles Logan, State of Florida Department of Environmental Regulation (August 1, 1991). Responds to FDER comments on Phase 3 RI, Risk Assessment and FS Reports. [Filed and cited as entry number 24 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
27. Cross-Reference: Memorandum from Kay Wischkaemper, EPA Region IV, to Madolyn Streng, EPA Region IV (August 26, 1991). Provides comments to the groundwater portions of the Baseline Risk Assessment, Feasibility Study Report; transmits ACLs calculations. [Filed and cited as entry number 48 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]
- 1853 - 28. Letter from Charles Logan, State of Florida Department of Environmental Regulation, to Madolyn Streng, EPA Region IV (September 11, 1991). Comments on the Risk Assessment.
- 1860 - 29. Letter from Madolyn Streng, EPA Region IV, to Robert Marbury, Black & Veach (May 11, 1992). Transmits compiled EPA and FDER comments to the Risk Assessment.
- 1866 - 30. Letter from Robert Marbury, Black & Veach, to Madolyn Streng, EPA Region IV (July 30, 1992). Transmits revised Risk Assessment, with discussion of revisions made.

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3.12 Endangerment Assessments (cont'd.)

- 1870 - 31. Letter from John Mitchell, Florida Department of Natural Resources, to Mark Fite, EPA Region IV (October 29, 1992). Schedule for commenting on the Risk Assessment.
- 1872 - 32. Memorandum from Elmer Akin, EPA Region IV, to Mark Fite, EPA Region IV (November 12, 1992). Transmits comments to the Risk Assessment.
- 1876 - 33. Letter from John Mitchell, Florida Department of Natural Resources, to Mark Fite, EPA Region IV (November 16, 1992). Comments on the Risk Assessment and Dye Dispersion Study.
- 1880 - 34. Memorandum from Mark Fite, EPA Region IV, to Elmer Akin, EPA Region IV (January 7, 1993). Transmits FDNR comments to the Risk Assessment [not attached].
- 1882 - 35. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach (January 13, 1993). Transmits compiled comments to Risk Assessment.
- 1888 - 36. Memorandum from Mark Fite, EPA Region IV, to Elmer Akin, EPA Region IV. Summarizes issues relating to the Risk Assessment discussed at meeting held January 11, 1993 (January 21, 1993).
- 1894 - 37. Letter from Douglas Fitton, State of Florida Department of Environmental Regulation, to Mark Fite, EPA Region IV (April 30, 1993). Transmits compiled comments to the Risk Assessment.
- 1918 - 38. Letter from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Regulation (June 14, 1993). Responds to FDER comments on Risk Assessment.
- 1927 - 39. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach (June 24, 1993). Transmits EPA and FDER comments to the Risk Assessment.
- 1934 - 40. "Baseline Risk Assessment Report for the American Creosote Works Site; Pensacola, Florida," Black & Veach (August 2, 1993).
- 2304 - 41. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach. Approves Baseline Risk Assessment (August 10, 1993).
- 2302

3.12 Endangerment Assessments (cont'd.)

- 2304 - 42. Memorandum from Elmer Akin, EPA Region IV, to Mark Fite, EPA Region IV. Concurs with comments to the Baseline Risk Assessment provided by ESAT contractor, dated August 20, 1993 [attached] (August 24, 1993).

4.0 FEASIBILITY STUDY (FS)

4.1 Correspondence

- 2311 - 1. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach. Transmits results of three treatability studies on the American Creosote Works Superfund site, and information on thermal distillation (January 15, 1993). [not attached].
- 2314 - 2. Conference Memorandum for meeting between EPA Region IV and State of Florida Department of Environmental Regulation to discuss review of the Feasibility Study Report, Proposed Plan, and additional sampling needs (February 19, 1993).
- 2321 - 3. Letter from Douglas Fitton, State of Florida Department of Environmental Regulation, to Mark Fite, EPA Region IV. Transmits information on vacuum vaporizer well (UVB) technology (March 9, 1993).
- 2382 - 4. Letter from Mark Fite, EPA Region IV, to Bob Marbury, Black & Veach. Transmits information about in-situ bioremediation and thermal desorption technologies that could be used at the American Creosote Works site (March 18, 1993). [not attached].
5. Cross-Reference: Letter from Mark Fite, EPA Region IV, to Bob Marbury, Black & Veach. Transmits a copy of the Treatability Study Report for the Escambia Wood Treating site in Pensacola, Florida, to evaluate the same technology for the American Creosote Works site (April 13, 1993). [Filed and cited as entry number 2 in 17.7 SITE MANAGEMENT RECORDS - Reference Documents]

4.9 Feasibility Study (FS) Reports

- 0001 - 1. Letter from M[ichael] Szomjassy, EBASCO, to Jeanne Dove, EPA Region IV. Confirms approach to be taken in FS Report (November 10, 1987).

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4.9 Feasibility Study (FS) Reports (cont'd.)

- 0004 - 2. Memorandum from Jeanne Dove, EPA Region IV, to Arthur Collins, EPA Region IV. Requests assistance in an engineering study for the FS Report (January 6, 1989).
- 0007 - 3. Memorandum from Jeff Kellam, EPA Region IV, to Addressees (February 27, 1989). Confirms receipt of draft Post FS Report for review.
- 0009 - 4. Letter from Jeff Kellam, EPA Region IV, to Laura Cummins, State of Florida Department of Environmental Regulation (February 27, 1989). Requests review of Post FS Report.
- 0011 - 5. Memorandum from Rich Muza, EPA Region IV, to Jeff Kellam, EPA Region IV (March 6, 1989). Comments on the draft Post FS Report.
- 0014 - 6. Memorandum from Daniel Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Jeff Kellam, EPA Region IV (March 6, 1989). Comments on the draft Post FS Report.
- 0017 - 7. Memorandum from John Lindsay, National Oceanic and Atmospheric Administration (NOAA), to Jeff Kellam, EPA Region IV (March 8, 1989). Comments on the draft Post FS Report.
- 0020 - 8. Memorandum from Jeff Kellam, EPA Region IV, to Tony DeAngelo, EPA Region IV (March 13, 1989). Transmits compiled comments to the draft Post FS Report.
- 0025 - 9. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Jeffrey Kellam, EPA Region IV (March 20, 1989). Comments on the Post-FS Report.
- 0029 - 10. Memorandum from Jeff Kellam, EPA Region IV, to Stallings Howell, EPA Region IV (April 5, 1989). Requests review of the Post-FS Report.
- 0031 - 11. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Jeffrey Kellam, EPA Region IV (April 19, 1989). Comments on the Post-FS Report.
- 0042 - 12. Memorandum from Joe Hughart, EPA Region IV, to Jeff Kellam, EPA Region IV (April 25, 1989). Comments on the Post-FS Report.

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4.9 Feasibility Study (FS) Reports (cont'd.)

- 0045 - 13. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Jeff Kellam, EPA Region IV. Summarizes FDER concerns regarding the Post-FS Report (May 5, 1989).
- 0049 - 14. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Beverly Houston, EPA Region IV (August 14, 1989). Comments on the Post-FS Report.
- 0051 - 15. Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Beverly Houston, EPA Region IV (August 21, 1989). Transmits compiled comments to FS Report and requests corresponding changes be made to the Proposed Plan.
- 0056 - 16. Memorandum from Rich Muza, EPA Region IV, to Lesa Davis, EPA Region IV (August 25, 1989). Comments on the Post-FS Report.
- 0058 - 17. Letter from Russ Walker, State of Florida Department of Environmental Regulation, to Beverly Houston, EPA Region IV (August 31, 1989). Comments on the Post-FS Report.
- 0061 - 18. Memorandum from Elmer Akin, EPA Region IV, to Beverly Houston, EPA Region IV (August 31, 1989). Comments on the Post-FS Report.
- 0064 - 19. "Post-Feasibility Study; Options for Remediation at the American Creosote Works, Inc. NPL Site; Pensacola, Escambia County, Florida," EPA Region IV (September 1989).
20. Cross-Reference: Letter from Charles Logan, State of Florida Department of Environmental Regulation, to Madolyn Streng, EPA Region IV (July 11, 1991). Comments on the Phase 3 RI and FS Reports. [Filed and cited as entry number 21 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
21. Cross-Reference: Letter from Madolyn Streng, EPA Region IV to Charles Logan, State of Florida Department of Environmental Regulation (August 1, 1991). Responds to FDER comments on Phase 3 RI, Risk Assessment and FS Reports. [Filed and cited as entry number 24 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

4.9 Feasibility Study (FS) Reports (cont'd.)

22. Cross-Reference: Memorandum from Kay Wischkaemper, EPA Region IV, to Madolyn Streng, EPA Region IV (August 26, 1991). Provides comments to the groundwater portions of the Baseline Risk Assessment, Feasibility Study Report; transmits ACLs calculations. [Filed and cited as entry number 48 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]
- 0161 - 23. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach (December 16, 1992). Transmits compiled comments to the FS Report.
- 0169 - 24. "Conference Memorandum," Black & Veach. Notes of meeting held January 5, 1993, to discuss EPA comments to the FS Report (January 5, 1993).
- 0173 - 25. Memorandum from Krista Jones, ManTech, to Elmer Akin, EPA Region IV (February 9, 1993). Comments on the FS Report.
26. Cross-Reference: Conference Memorandum for meeting between EPA Region IV and State of Florida Department of Environmental Regulation to discuss review of the Feasibility Study Report, Proposed Plan, and additional sampling needs (February 19, 1993). [Filed and cited as entry number 2 in 4.1 FEASIBILITY STUDY (FS) - Correspondence]
- 0177 - 27. Letter from John Mitchell, Florida Department of Natural Resources, to Mark Fite, EPA Region IV (February 24, 1993). Comments on the FS Report.
- 0180 - 28. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Mark Fite, EPA Region IV S: Comments on the FS Report (February 25, 1993).
- 0182 - 29. Memorandum from Winston Smith, EPA Region IV, to Joseph Franzmathes, EPA Region IV. Comments on the FS Report with respect to the air pathway (March 8, 1993).
- 0185 - 30. Letter from Susan Goggin, State of Florida Department of Environmental Regulation, to Mark Fite, EPA Region IV (June 3, 1993). Comments on the FS Report.

4.9 Feasibility Study (FS) Reports (cont'd.)

- 0188 - 31. Letter from Douglas Fitton, State of Florida Department of Environmental Regulation, to Mark Fite, EPA Region IV (June 4, 1993). Comments on the FS Report, identifying ARARS from Florida Administrative Code (FAC) pertaining to water quality.
- 0199 - 32. Letter from Mark Fite, EPA Region IV, Doug Fitton, State of Florida Department of Environmental Regulation (June 17, 1993). Responds to FDER comments on the FS Report.
- 0207 - 33. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach (July 6, 1993). Transmits compiled EPA and FDER comments to the FS Report.
- 0220 - 34. Letter from Robert Marbury, Black & Veach, to Doug Fitton, State of Florida Department of Environmental Regulation (August 9, 1993). Transmits revised FS Report [not attached].
- 0222 - 35. Letter from Robert Marbury, Black & Veach, to Mark Fite, EPA Region IV (August 10, 1993). Transmits revised FS Report [not attached] with responses to comments.
- 0232 - 36. Memorandum from Mark Fite, EPA Region IV, to Elmer Akin and Kay Wischkaemper, EPA Region IV (August 13, 1993). Requests review of revised FS Report.
- 0234 - 37. Letter from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Regulation (August 13, 1993). Requests review of revised FS Report.
- 0236 - 38. Letter from Mark Fite, EPA Region IV, to John Mitchell, State of Florida Department of Environmental Protection (August 23, 1993). Requests review of revised FS Report.
- 0238 - 39. Memorandum from Ted Simon, ManTech, to Elmer Akin, EPA Region IV (August 24, 1993). Comments on the FS.
- 0240 - 40. Letter from Douglas Fitton, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (August 31, 1993). Comments on the FS.
- 0243 - 41. Memorandum from Kay Wischkaemper, EPA Region IV, to Mark Fite, EPA Region IV (September 9, 1993). Comments on the FS.

4.9 Feasibility Study (FS) Reports (cont'd.)

- 0245 - 42. Letter from John Mitchell, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (September 16, 1993). Comments on the FS.
- 0247 - 43. Letter from Douglas Fitton, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV, providing comments to the Feasibility Study Report and transmitting attached Florida Administrative Code (FAC) standards, and list of Applicable or Relevant and Appropriate Requirements (ARARS) (October 19, 1993).
- 0298 - 44. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach (October 28, 1993). Transmits attached FS comments from EPA and FDEP.
- 0302 - 45. Letter from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Protection. Transmits EPA responses to FDEP comments and "Proceedings; Technical Assistance to U.S. EPA Region IX: Forum on Remediation of Wood Preserving Sites; October 24-25, 1988, San Francisco, California," PEI Associates, Inc. (November 1, 1993).
- 0883 - 46. Letter from Robert Marbury, Black & Veach, to Mark Fite, EPA Region IV (November 1, 1993). Transmits copy of final FS [not attached].
- 0887 - 47. Letter from Robert Marbury, Black & Veach, to Doug Fitton, State of Florida Department of Environmental Protection (November 1, 1993). Transmits copy of final FS [not attached].
- 0889 - 48. "Final Feasibility Study Report Report; Operable Unit II for the American Creosote Works Site; Pensacola, Florida," Black & Veach (November 1, 1993).
- 1197 - 49. Letter from Mark Fite, EPA Region IV, to Robert Marbury, Black & Veach. Approves Final Feasibility Study Report (November 4, 1993).

4.10 Proposed Plans for Selected Remedial Action

1. Cross-Reference: Letter from Laura Cummins, State of Florida Department of Environmental Regulation, to Beverly Houston, EPA Region IV (August 21, 1989). Transmits compiled comments to FS Report and requests corresponding changes be made to the Proposed Plan. [Filed and cited as entry number 15 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]

4.10 Proposed Plans for Selected Remedial Action
(cont'd.)

2. Cross-Reference: Conference Memorandum for meeting between EPA Region IV and State of Florida Department of Environmental Regulation to discuss review of the Feasibility Study Report, Proposed Plan, and additional sampling needs (February 19, 1993).
[Filed and cited as entry number 2 in 4.1 FEASIBILITY STUDY (FS) - Correspondence]
- 1204 - 3. Memorandum from Elmer Akin, EPA Region IV, to Mark Fite, EPA Region IV (March 23, 1993). Transmits comments to the draft Proposed Plan.
- 1207 - 4. Letters from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Regulation, John Mitchell, Florida Department of Natural Resources, James Lee, US Department of the Interior, Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), and Robert Safay, Agency for Toxic Substances and Disease Registry (ATSDR) (August 5, 1993). Request review of draft Proposed Plan.
- 1214 - 5. Memoranda from Mark Fite, EPA Region IV, to Kathy Urbach, Carolyn Kenmore, Elmer Akin, Kay Wischkaemper, Anthony Toney, Bill Bokey, EPA Region IV (August 5, 1993). Request review of draft Proposed Plan.
- 1221 - 6. Memorandum from Kay Wischkaemper, EPA Region IV, to Mark Fite, EPA Region IV (August 9, 1993). Comments on the Proposed Plan.
- 1223 - 7. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Mark Fite, EPA Region IV (August 16, 1993). Comments on the Proposed Plan.
- 1225 - 8. Letter from John Mitchell, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (August 17, 1993). Comments on the Proposed Plan.
- 1228 - 9. Memorandum from Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), to Mark Fite, EPA Region IV (August 20, 1993). Comments on the Proposed Plan.

4.10 Proposed Plans for Selected Remedial Action
(cont'd.)

- 1234-10. Memorandum from Ted Simon, ManTech, to Elmer Akin, EPA Region IV (August 24, 1993). Comments on the Proposed Plan.
- 1237-11. Memorandum from Winston Smith, EPA Region IV, to Elmer Akin, EPA Region IV (August 24, 1993). Comments on the Proposed Plan.
- 1239-12. "United States Environmental Protection Agency; Superfund Proposed Plan Fact Sheet; American Creosote Works Superfund Site; Pensacola, Escambia County, Florida," EPA Region IV (November 1993).
- 1257-13. Letter from Douglas Fitton, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV. Comments on the Proposed Plan and approves cost estimate (November 5, 1993).
- 1260-14. Letter from Mark Fite, EPA Region IV, to Randy Merchant, Florida Department of Health and Rehabilitative Services/HSET (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93.
- 1262-15. Letter from Mark Fite, EPA Region IV, to Robert Safay, Agency for Toxic Substances and Disease Registry (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93.
- 1264-16. Letter from Mark Fite, EPA Region IV, to Waynon Johnson, National Oceanic and Atmospheric Administration (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93.
- 1266-17. Letter from Mark Fite, EPA Region IV, to James Lee, U.S. Department of Interior (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93.
- 1268-18. Letter from Mark Fite, EPA Region IV, John W. Mitchell, Florida Department of Environmental Protection (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93.

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4.10 Proposed Plans for Selected Remedial Action
(cont'd.)

- 1270 - 19. Letter from Mark Fite, EPA Region IV, to Robert Wright, Northwest Florida Water Management District (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93.
- 1272 - 20. Letter from Mark Fite, EPA Region IV, to Doug Fitton, Florida Department of Environmental Protection (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93.
- 1274 - 21. Memorandum from Mark Fite, EPA Region IV, to David Abbott et. al., EPA Region IV (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93.
- 1276 - 22. Letter from Patricia G. Clark, private citizen, to Mark Fite, EPA Region IV, (November 29, 1993). Requesting an extension of the public comment period.
- 1278 - 23. Notes from Carlean Wakefield, EPA Region IV, regarding telephone conversations with Pat Clark, private citizen, in regards to the public meeting held December 2, 1993. (November 29, 1993).
- 1280 - 24. Letter from Alfred W. Long, private citizen, to Carlean Wakefield, EPA Region IV (November 30, 1993). Comments on Proposed Plan.
- 1283 - 25. Comment Sheet, from David H. Massey, private citizen, to EPA Region IV, (December 1993). Comments on Proposed Plan.
- 1285 - 26. Comment Sheet, from Mary B. Sheppard, private citizen, to EPA Region IV, (December 1993). Comments on Proposed Plan.
- 1287 - 27. Letter from Kathy Smith, private citizen, to Carlean Wakefield, EPA Region IV (December 1993). Comments on Proposed Plan.
- 1292 - 28. Letter from P.A. Ucci, private citizen, to Carlean Wakefield, EPA Region IV (December 2, 1993). Comments on Proposed Plan.
- 1299 - 29. Memorandum from Peter H. Dohms, P.G., private citizen, to Mark Fite, EPA Region IV (December 3, 1993). Comments on Proposed Plan.

4.10 Proposed Plans for Selected Remedial Action (cont'd.)

- 1303 - 30. Letter from Mark Fite, EPA Region IV, to P.A. Ucci, private citizen (December 21, 1993). Responding to comments submitted in response to the Proposed Plan.
- 1325 - 31. Letter from Roberta Thomas, private citizen, to Carlean Wakefield, EPA Region IV, (January 7, 1994). Comments on Proposed Plan.
- 1327 - 32. Facsimile transmission from Pat Clark, private citizen, to Mark Fite, EPA Region IV, (January 10, 1994). Comments on Proposed Plan.

5.0 RECORD OF DECISION (ROD)

5.2 Responsiveness Summaries

1. Cross-Reference: "Record of Decision, Operable Unit 2, Groundwater Remediation, American Creosote Works, Inc., Pensacola, Escambia County, Florida," prepared by the Environmental Protection Agency, Region IV, Atlanta, Georgia (February 3, 1994). Includes Responsiveness Summary. [Filed and cited as entry number 12 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]

5.8 ROD Briefing Documents

- 1338 - 1. "ROD Briefing Summary," (February 2, 1994). Used to brief the EPA Region IV Associate Division Director.
- 1342 - 2. "ROD Briefing Summary," (February 3, 1994). Used to brief the EPA Region IV Deputy Regional Administrator.

5.9 Record of Decision (ROD)

- 1347 - 1. Letters from Mark Fite, EPA Region IV, to Doug Fitton, Susan Goggin, and John Mitchell, State of Florida Department of Environmental Protection, James Lee, US Department of the Interior, Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), Robert Safay, Agency for Toxic Substances and Disease Registry (ATSDR), and Randy Merchant, Florida Department of Health and Rehabilitative Services, requesting review of the draft Record of Decision (ROD) (September 16, 1993).

5.9 Record of Decision (ROD) (cont'd.)

- 1355 - 2. Memorandum from Mark Fite, EPA Region IV, to Addressees, requesting review of the draft Record of Decision (ROD) (September 16, 1993).
- 1357 - 3. Memorandum from Kay Wischkaemper, EPA Region IV, to Mark Fite, EPA Region IV (September 27, 1993). Comments on the draft Record of Decision (ROD).
- 1359 - 4. Letter from John Mitchell, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (October 8, 1993). Comments on the draft Record of Decision (ROD).
- 1361 - 5. Memorandum from Dan Thoman, EPA Region IV Environmental Services Division, Athens, Georgia, to Mark Fite, EPA Region IV (October 12, 1993). Comments on the draft Record of Decision (ROD).
- 1363 - 6. Memorandum from Winston Smith, EPA Region IV, to Joseph Franzmathes, EPA Region IV (October 18, 1993). Comments on the draft Record of Decision (ROD).
- 1365 - 7. Letter from E. Randall Merchant, Florida Department of Health and Rehabilitative Services, to Mark Fite, EPA Region IV. Comments on the draft Record of Decision (ROD), identifying area where no irrigation wells should be permitted. (October 19, 1993).
- 1369 - 8. Memorandum from Lynn Wellman, EPA Region IV, to Mark Fite, EPA Region IV (October 19, 1993). Comments on the draft Record of Decision (ROD).
- 1372 - 9. Memorandum from Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), to Mark Fite, EPA Region IV (October 25, 1993). Comments on the draft Record of Decision (ROD).
- 1376 - 10. Memorandum from Mark Fite, EPA Region IV, to Administrative Record File. Concerning cost estimate for selected remedy (November 4, 1993).
- 1384 - 11. Letter from Douglas Fitton, Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (January 21, 1994). Commenting on Draft ROD.

5.9 Record of Decision (ROD) (cont'd.)

- 1389 - 12. "Record of Decision, Operable Unit 2, Groundwater Remediation, American Creosote Works, Inc., Pensacola, Escambia County, Florida," prepared by the Environmental Protection Agency, Region IV, Atlanta, Georgia (February 3, 1994). Includes Responsiveness Summary.

13.0 COMMUNITY RELATIONS

13.1 Correspondence

- 1478 - 1. Letter from Dave Kessler, Bay Area Resource Council, to Patrick Tobin, EPA Region IV (October 4, 1989). Requests action on potential health hazards and environmental damage associated with contaminated American Creosote site.
2. Cross-Reference: "United States Environmental Protection Agency; Superfund Proposed Plan Fact Sheet; American Creosote Works Superfund Site; Pensacola, Escambia County, Florida," EPA Region IV (November 1993). [Filed and cited as entry number 12 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
- 1482 - 3. Letter from Carlean Wakefield, EPA Region IV, to Kenneth Kelson, private citizen (January 25, 1994). Responding to health issues raised at the December 2, 1993 public meeting.

13.8 Public Meetings

1. Cross-Reference: Letter from Mark Fite, EPA Region IV, to Randy Merchant, Florida Department of Health and Rehabilitative Services/HSET (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93. [Filed and cited as entry number 14 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
2. Cross-Reference: Letter from Mark Fite, EPA Region IV, to Robert Safay, Agency for Toxic Substances and Disease Registry (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93. [Filed and cited as entry number 15 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]

13.8 Public Meetings (cont'd.)

3. Cross-Reference: Letter from Mark Fite, EPA Region IV, to Waynon Johnson, National Oceanic and Atmospheric Administration (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93. [Filed and cited as entry number 16 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
4. Cross-Reference: Letter from Mark Fite, EPA Region IV, to James Lee, U.S. Department of Interior (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93. [Filed and cited as entry number 17 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
5. Cross-Reference: Letter from Mark Fite, EPA Region IV, John W. Mitchell, Florida Department of Environmental Protection (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93. [Filed and cited as entry number 18 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
6. Cross-Reference: Letter from Mark Fite, EPA Region IV, to Robert Wright, Northwest Florida Water Management District (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93. [Filed and cited as entry number 19 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
7. Cross-Reference: Letter from Mark Fite, EPA Region IV, to Doug Fitton, Florida Department of Environmental Protection (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93. [Filed and cited as entry number 20 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
8. Cross-Reference: Memorandum from Mark Fite, EPA Region IV, to David Abbott et. al., EPA Region IV (November 19, 1993). Transmitting the final Proposed Plan and informing of public meeting 12/02/93. [Filed and cited as entry number 21 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
- 1502 - 9. "EPA Public Meeting/Comment Period," Newspaper notice, with publishing affidavit. (November 30, 1993). Concerning public meeting to be held 12/02/93.

13.8 Public Meetings (cont'd.)

- 1504- 10. Letter from Robert D. Wright, Northwest Florida Water Management District, to Mark Fite, EPA Region IV (November 30, 1993). Concerning public meeting to be held on 12/02/93.
- 1506- 11. Transcript of Public Meeting, taken at Sanders Beach Community Center, Pensacola, Florida, on the 2nd day of December, 1993, at 6:30 p.m. (December 2, 1993).
- 1598- 12. Presentation slides of the public meeting held 12/02/93, prepared by the U.S. EPA Region IV (December 2, 1993).

13.9 Fact Sheets

- 1638- 1. "Feasibility Study Summary; American Creosote Works, Inc. NPL Site; Pensacola, Florida," EPA Region IV. Summarizes findings of the draft FS Report for Operable Unit 1 with implications for remediation conducted under Operable Unit 2 (August 1985).
- 1647- 2. "US Environmental Protection Agency - Region IV; Superfund Remedial Fact Sheet; American Creosote Works, Inc. Superfund Site; Pensacola, Escambia County, Florida," EPA Region IV. Discusses status of remedial design and remedial action, including additional activities to be performed under an Explanation of Significant Differences (ESD) (March 1991).

13.10 Technical Assistance Grants

- 1651- 1. Letter from Patricia G. Clark, private citizen, to Carlean Wakefield, EPA Region IV (November 29, 1993). Concerning notice of intention to apply for a Technical Assistance Grant on behalf of the Sanders Beach homeowner coalition.

16.0 NATURAL RESOURCE TRUSTEE

16.1 Correspondence

1. Cross-Reference: Letter from John Lindsay, National Oceanic and Atmospheric Administration (NOAA), to Jeanne Dove, EPA Region IV (June 15, 1988). Comments on EBASCO's draft work plan for revised RI/FS. [Filed and cited as entry number 11 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]

16.0 NATURAL RESOURCE TRUSTEE

16.1 Correspondence (cont'd.)

- 1657 - 2. Letter from John Lindsay, National Oceanic and Atmospheric Administration (NOAA), to Randall Armstrong, State of Florida Department of Environmental Regulation. Requests FDER and the Florida Natural Resource Trustee to state their present position concerning environmental impacts posed by the American Creosote Works Superfund site (August 26, 1988).
- 1659 - 3. Letter from Randall Armstrong, State of Florida Department of Environmental Regulation, to John Lindsay, National Oceanic and Atmospheric Administration (NOAA). Concerning support for ecological impact study (September 13, 1988).
- 1661 - 4. Letter from George Kinter, National Oceanic and Atmospheric Administration (NOAA), to Kenneth Kelson, Board of County Commissioners, Escambia County, Florida. Response to attached Escambia County letter dated November 21, 1988 (January 12, 1989).
5. Cross-Reference: Memorandum from John Lindsay, National Oceanic and Atmospheric Administration (NOAA), to Jeff Kellam, EPA Region IV (March 8, 1989). Comments on the draft Post FS Report. [Filed and cited as entry number 7 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]
- 1667 - 6. Letter from John Lindsay, National Oceanic and Atmospheric Administration (NOAA), to Patrick Tobin, EPA Region IV. Concerning interests of NOAA as a natural resource trustee for Pensacola Bay (August 15, 1989).
7. Cross-Reference: Memorandum from Natalie Ellington, EPA Region IV, to Addressees (November 30, 1989). Requests review of Work Plan for Remedial Design for Operable Unit 1 and Field Operations Plan for Operable Unit 2. [Filed and cited as entry number 19 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]

16.0 NATURAL RESOURCE TRUSTEE

16.1 Correspondence (cont'd.)

8. Cross-Reference: Memorandum from Natalie Ellington, EPA Region IV, to Addressees (February 14, 1990). Requests review of Field Operations Plan for Operable Unit 2. [Filed and cited as entry number 22 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
9. Cross-Reference: Memorandum from John Lindsay, National Oceanic and Atmospheric Administration (NOAA), to Natalie Ellington, EPA Region IV (October 12, 1990). Comments on the Phase 2 RI Report. [Filed and cited as entry number 11 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
- 1681 - 10. Letter from Ernie Barnett, Florida Department of Natural Resources, to Natalie Ellington, EPA Region IV. Concerning interests of FDNR as a natural resource trustee for Pensacola Bay and Bayou Chico; requests information (November 8, 1990).
11. Cross-Reference: Memorandum from Philip Murphy, EPA Region IV Environmental Services Division, Athens, Georgia, to Natalie Ellington, EPA Region IV. Transmits plan requested by EPA Region IV and NOAA to define area of contaminated bay sediments for assessing ecological risk (February 12, 1991). [Filed and cited as entry number 43 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]
12. Cross-Reference: Letter from John Mitchell, Florida Department of Natural Resources, to Mark Fite, EPA Region IV (October 29, 1992). Schedule for commenting on the Risk Assessment. [Filed and cited as entry number 31 in 3.12 REMEDIAL INVESTIGATION (RI) - Endangerment Assessments]
13. Cross-Reference: Letter from John Mitchell, Florida Department of Natural Resources, to Mark Fite, EPA Region IV (November 16, 1992). Comments on the Risk Assessment and Dye Dispersion Study. [Filed and cited as entry number 33 in 3.12 REMEDIAL INVESTIGATION (RI) - Endangerment Assessments]

16.0 NATURAL RESOURCE TRUSTEE

16.1 Correspondence (cont'd.)

14. Cross-Reference: Letter from John Mitchell, Florida Department of Natural Resources, to Mark Fite, EPA Region IV (February 24, 1993). Comments on the FS Report. [Filed and cited as entry number 27 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]
15. Cross-Reference: Letters from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Regulation, John Mitchell, Florida Department of Natural Resources, James Lee, US Department of the Interior, Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), and Robert Safay, Agency for Toxic Substances and Disease Registry (ATSDR) (August 5, 1993). Request review of draft Proposed Plan. [Filed and cited as entry number 4 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Select
16. Cross-Reference: Letter from John Mitchell, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (August 17, 1993). Comments on the Proposed Plan. [Filed and cited as entry number 8 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
17. Cross-Reference: Memorandum from Waynon Johnson, National Oceanic and Atmospheric Administration (NOAA), to Mark Fite, EPA Region IV (August 20, 1993). Comments on the Proposed Plan. [Filed and cited as entry number 9 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
18. Cross-Reference: Letter from Mark Fite, EPA Region IV, to John Mitchell, State of Florida Department of Environmental Protection (August 23, 1993). Requests review of revised FS Report. [Filed and cited as entry number 38 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]
19. Cross-Reference: Letter from Douglas Fitton, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (August 31, 1993). Comments on the FS. [Filed and cited as entry number 40 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]

16.0 NATURAL RESOURCE TRUSTEE

16.1 Correspondence (cont'd.)

20. Cross-Reference: Letter from John Mitchell, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (September 16, 1993). Comments on the FS. [Filed and cited as entry number 42 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]

21. Cross-Reference: Letter from John Mitchell, State of Florida Department of Environmental Protection, to Mark Fite, EPA Region IV (October 8, 1993). Comments on the draft Record of Decision (ROD). [Filed and cited as entry number 4 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]

16.5 Technical Issue Papers

1706 — 1. Letter from Jonathan Deason, US Department of the Interior, to Narindar Kumar, EPA Region IV (June 3, 1991). Transmits Preliminary Natural Resources Survey.

17.0 SITE MANAGEMENT RECORDS

17.7 Reference Documents

1715 — 1. "Hydrogeology and Flow of Water in a Sand and Gravel Aquifer Contaminated by Wood-Preserving Compounds, Pensacola, Florida," US Geological Survey Water Resources Investigation Report 87-4260 (1988).

1793 — 2. Letter from Mark Fite, EPA Region IV, to Bob Marbury, Black & Veach. Transmits a copy of the Treatability Study Report for the Escambia Wood Treating site in Pensacola, Florida, to evaluate the same technology for the American Creosote Works site (April 13, 1993).

1980 — 3. "Membrane Treatment for Wood Preserving Site Groundwater by SBP Technologies, Inc. - Applications Analysis Report," United States Environmental Protection Agency, Office of Research and Development, Superfund Innovative Technology Evaluation (August 1993).

17.0 SITE MANAGEMENT RECORDS

17.7 Reference Documents (cont'd.)

4. Cross-Reference: Letter from Mark Fite, EPA Region IV, to Doug Fitton, State of Florida Department of Environmental Protection. Transmits EPA responses to FDEP comments and "Proceedings; Technical Assistance to U.S. EPA Region IX: Forum on Remediation of Wood Preserving Sites; October 24-25, 1988, San Francisco, California," PEI Associates, Inc. (November 1, 1993). [Filed and cited as entry number 45 in 4.9 FEASIBILITY STUDY (FS) - Feasibility Study (FS) Reports]